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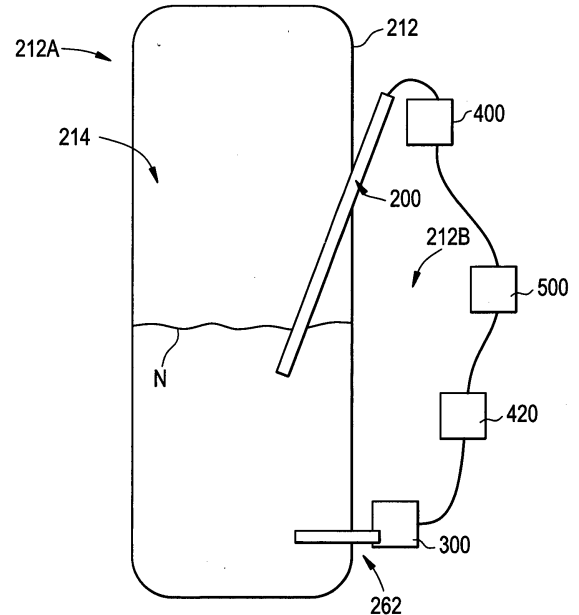
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(54) **Level detector for measuring foam and aerated slurry level in a wet flue gas desulfurization absorber tower**

(57) A level detector 100 includes a sleeve 210 mountable to a vessel and extendable through a wall 212 defined by the vessel 212A and into an interior area 214 defined by the vessel. The sleeve 210 is mountable at an angle A of less than forty-five degrees relative to the vessel wall 212. The level detector 100 includes a level sensing probe 230 extending into a bore defined by an inside surface 218 of the sleeve 210. The level sensing probe 230 is configured to measure a plurality of foam and aerated slurry levels in the vessel 212A. One or more connectors 232, 244 are positioned outside 212B of the vessel 212A to removably support the level sensing probe 230 within the bore. The level sensing probe 230 is in communication with the interior area 214 via one or more openings 254, 258 extending into the bore.

FIG. 1





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Place of search The Hague		Date of completion of the search 14 February 2014	Examiner Tomasoni, Flora
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**ANNEX TO THE EUROPEAN SEARCH REPORT
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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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